

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: RAJARAM BHAT, et al

Examiner:

Serial No:

Group Art Unit:

Filed:

For: GROWTH OF DILUTE NITRIDE  
COMPOUNDSINFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97 – 1.98Commissioner of Patents  
Alexandria, VA 22313-1450

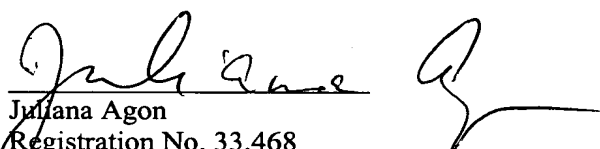
Dear Sir:

The Examiner's attention is hereby directed to the following reference(s) listed on the attached Form PTO-1449 for consideration in connection with the examination of the above-identified patent application. One copy of the non-US reference(s) is enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the enclosed documents constitute "prior art." If it should be determined that any of the submitted documents do not constitute "prior art" under United States law, applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the enclosed references, should one or more of the references be applied against the claims of the present application.

Respectfully submitted,

  
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Date: 11/21/03

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<b>FORM PTO-1449 (MODIFIED)</b>  <b>LIST OF PATENTS AND PUBLICATIONS</b> <b>FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT</b>	<b>ATTORNEY DOCKET NO.</b>  SP03-165	<b>SERIAL NO.</b>
	<b>APPLICANT RAJARAM BHAT, et al.</b>	
	<b>FILING DATE</b>	<b>GROUP:</b>

REFERENCE DESIGNATION		U.S. PATENT and PUBLICATION DOCUMENTS					
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date if Approp.
	AA	2002/0085973A1	7/4/02	Park	423	351	
	AB	5,689,123	11/18/97	Major, et al	257	190	
	AC	5,891,790	4/6/99	Keller, et al	438	508	
	AD	5,944,913	8/31/99	Hou	136	255	
	AE	6,046,096	4/4/00	Ouchi	438	510	
	AF	6,252,287	6/26/01	Kurtz, et al	257	461	
	AG	6,342,405	1/29/02	Major, et al	438	46	
	AH	6,358,822	3/19/02	Tomomura	438	483	
	AI	6,596,079	7/22/03	Vaudo, et al	117	97	
	AJ	6,645,885	11/11/03	Chua, et al	438	962	
	AK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes No
	AL						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	AM "Room Temperature Operation of GaInNAs/GaInP Double-Heterostructure Laser Diodes Grown by Metalorganic Chemical Vapor Deposition", Sato, et al Jpn. J. Appl. Phys. Vo. 36 1997 pp 2671-2675
	AN "Incorporation effects in MOCVD-grown (In)GaAsN using different nitrogen precursors", Ptak, et al J. of Crystal Growth Vol. 243 (2002) 231-237
	AO "Red Shift of Photoluminescence and Absorption in Dilute GaAsN Alloy Layers", Weyers, et al Jpn. J. Appl. Phys. Vo. 31 1992 pp L853-L855
	AP "GaInNAs: A Novel Material for Long-Wavelength-Range Laser Diodes with Excellent high-Temperature Performance", Kondow, et al Jpn. J. Appl. Phys. Vo. 35 199 pp 1273-1275
	AQ "Gas-Source Molecular Beam Epitaxy of GaN <sub>x</sub> As <sub>1-x</sub> Using a N Radical as the N Source", Konkow, et al Jpn. J. Appl. Phys. Vo. 3 1994 pp L1056-L1058
	AR "Structural characterization of a dimeric dimethylindium azide and its use as a single-source precursor for InN thin films", Bae, et al J. of Organic Metallic Chemistry 616(2000) 128-134
	AS "Preparation of Phase-Pure InSe Thin Films by MOCVD Using a New Single-Source Precursor [(Me) <sub>2</sub> In(μ-SeMe)] <sub>2</sub> , Cho, et al Bull. Korean Chem. Soc. 2003 Vol. 24, No. 5 645-646

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.